

**Amendments to the Specification:**

Please replace the paragraph beginning at page 9, line 25 with the following amended paragraph:

Referring to Figure 1, one embodiment of a solid-state NMR probe 10 is shown. The NMR probe 10 includes two magic-angle spinning (MAS) systems 20, ~~[[30]]~~ 40. In alternative embodiments, the number of modules can be increased. MAS spinning systems can be obtained from Varian located in Palo Alto, California. Any suitable MAS spinning system can be utilized.

Please replace the paragraph beginning at page 12, line 12 with the following amended paragraph:

A second rotation measuring device 51, employing means such as fiber optics, can be coupled to the second spinning module ~~[[50]]~~ 40 for measuring the rotational speed of the second sample holder contained within the second spinning module ~~[[50]]~~ 40. A distinctive mark also can be placed on the second sample holder to facilitate the measurement of the rotational speed of the second sample holder. The same computer control software used for the first sample holder can be used to maintain spinning speed control for the second sample holder contained within the second module 40.